The Information Technology Division (ITD) provides and maintains all personal computers and related hardware and software at DCP. ITD also manages the agency's networks and telecommunications services and provides Help Desk support for assistance with computer related problems. Staff in ITD design, develop and maintain PC and mainframe databases and applications and prepare customized data files and reports for a variety of local and citywide planning and zoning studies. Agency and citywide geographic data needs are supported by ITD through the design and maintenance of geoprocessing software and geographic databases, and through assistance with the use of geographic information systems (GIS) provided to DCP staff. The DCP website is also maintained by ITD.

The Information Technology Division is seeking a GIS Programmer to be a member of the ArcGIS Team. The ideal candidate has comprehensive GIS experience in addition to extensive programming and web development skills. Under the general supervision of the GIS Specialist, the responsibilities of the GIS Programmer include, but not limited to:

- Develop, maintain, and enhance GIS data management and workflow using automation scripts and geoprocessing models;
- Collaborate with the web team and others to develop, maintain, and enhance the department’s GIS web mapping applications;
- Research, develop, and leverage emergent technologies, such as open source GIS application development;
- Assist in the maintenance of enterprise geodatabases that include property, street, zoning, and administrative district information, digital orthophotography, digital elevation models (DEMs), and other vector and raster resources;
- Document and QA/QC for GIS datasets and metadata; and
- Provide GIS technical support for DCP staff.

Minimum Requirements:

1. A baccalaureate degree from an accredited college, including or supplemented by twenty-four (24) semester credits in computer science or a related computer field and one (1) year of satisfactory fulltime computer software experience in computer systems development and analysis, applications programming, database administration, systems programming or data communications; or
2. A four year high school diploma or its educational equivalent and five (5) years of full-time satisfactory computer software experience as described in “1” above; or
3. A satisfactory combination of education and experience that is equivalent to "1" or "2" above. College education may be substituted for up to two years of the required experience in "2" above on the basis that sixty (60) semester credits from an accredited college is equated to one year of experience. In addition, twenty-four (24) semester credits from an accredited college or graduate school in computer science or a related field, or a certificate of at least 625 hours in computer programming from an accredited technical
school (post high school), may be substituted for one year of experience. However, all candidates who attempt to qualify under option “3” must have at least a four year high school diploma or its educational equivalent and at least two years of satisfactory full-time computer software experience as described in “1” above.

Preferred Qualifications:

- A baccalaureate degree from an accredited college with concentration in computer science, information technology, geography, or closely related fields, and two (2) years of full-time experience in designing, programming, debugging, maintaining, implementing, and enhancing GIS applications.
- Strong technical experience with ESRI ArcGIS for Desktop 10.x with Spatial, Network, and 3D Analyst extensions
- Proficiency in scripting languages, such as Python, T-SQL, and JavaScript
- Demonstrated knowledge of programming languages, such as C#, VB.NET, ASP.NET, and ArcObjects
- Experience in creating geoprocessing tools with Python (ArcPy module) and ModelBuilder
- Knowledge of RDBMS helpful, such as SQL Server and Oracle
- Knowledge of ArcSDE, ArcGIS for Server, ArcGIS Online, and SharePoint
- Proficiency in graphic software (Adobe Illustrator and/or Photoshop) a plus
- Strong verbal and written communication skills
- Ability to learn new tasks and skills quickly
- Ability to set priorities and meet deadlines
- Ability to work independently and collaboratively

CIVIL SERVICE TITLE: Computer Software Associate, L1

SALARY RANGE: $58,761-$65,000, commensurate with experience, full NYC employee benefits package

APPLICATION DEADLINE: February 13, 2015 or until filled

TO APPLY: ALL APPLICATIONS MUST BE SUBMITTED THROUGH THE NYC JOBS WEBSITE

- Go to: https://a127-jobs.nyc.gov/
- Search for job ID number: 180978
- Click on the job business title: GIS PROGRAMMER (Information Technology Division)
- Click on “Apply Now” at the bottom of the posting

Appointments are subject to Office of Management and Budget (OMB) approval.

THE DEPARTMENT OF CITY PLANNING IS AN EQUAL OPPORTUNITY EMPLOYER AND A COPY OF THE EQUAL OPPORTUNITY PROGRAMS IS AVAILABLE IN THE PERSONNEL MANAGEMENT DIVISION. THE DEPARTMENT MAKES AVAILABLE ACCOMMODATIONS FOR DISABLED APPLICANTS.

NYC JOBS POSTING ID: 180978